Uki Dele & Jane Hancock

Navigating the Complexities of Three Waters Management:

Insights from Wellington Water's Framework

Wellington Water

Holmes

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Wellington Water

- The Wellington region's three water services provider
- 100% council owned and funded
- Water and wastewater management is more defined
- Stormwater management is more complex

Absolutely Positively Wellington City Council
Me Heke Ki Pōneke

HUTT CITY
TE AWA KAIRANGI

poriruacity

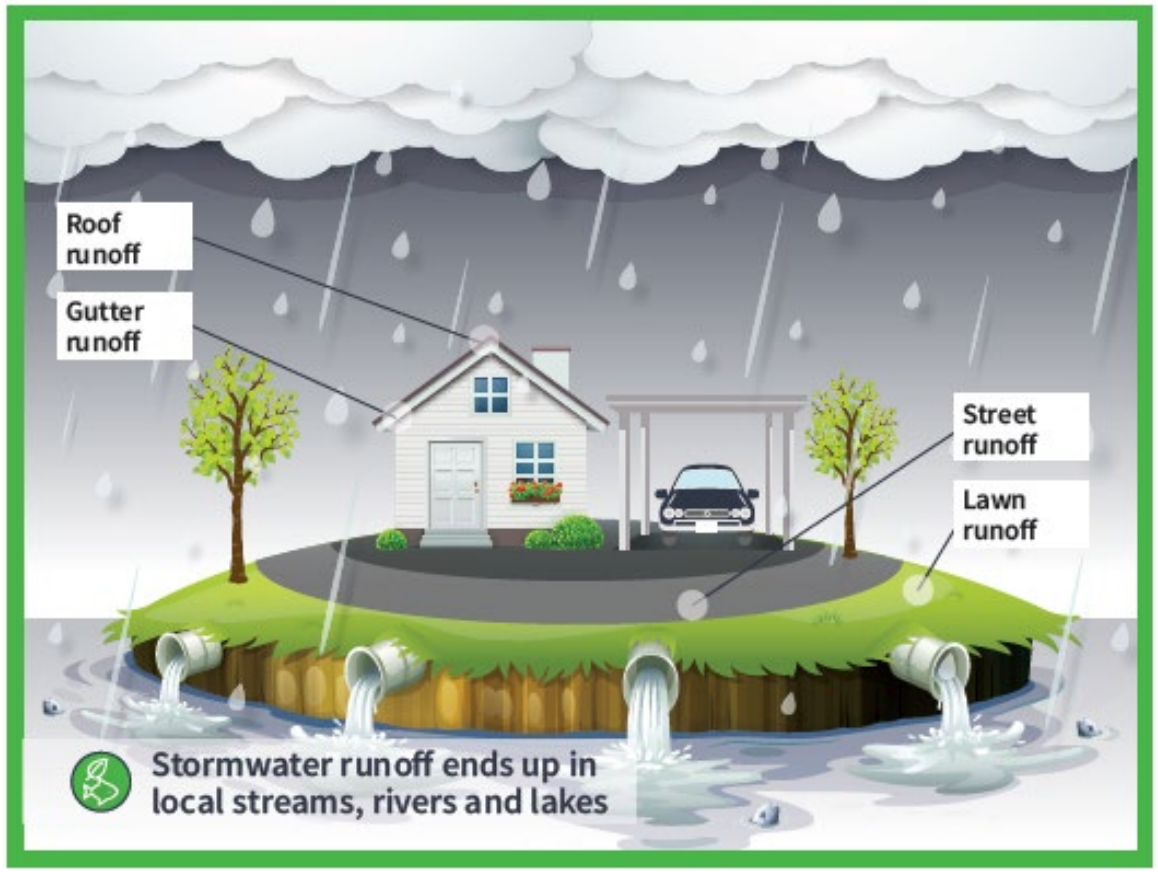
Te Kaunihera o
Te Awa Kairangi ki Uta
Upper Hutt City Council

SOUTH WAIRARAPA DISTRICT COUNCIL
Kia Reretahi Tātau

Greater Wellington
Te Pane Matua Taiao

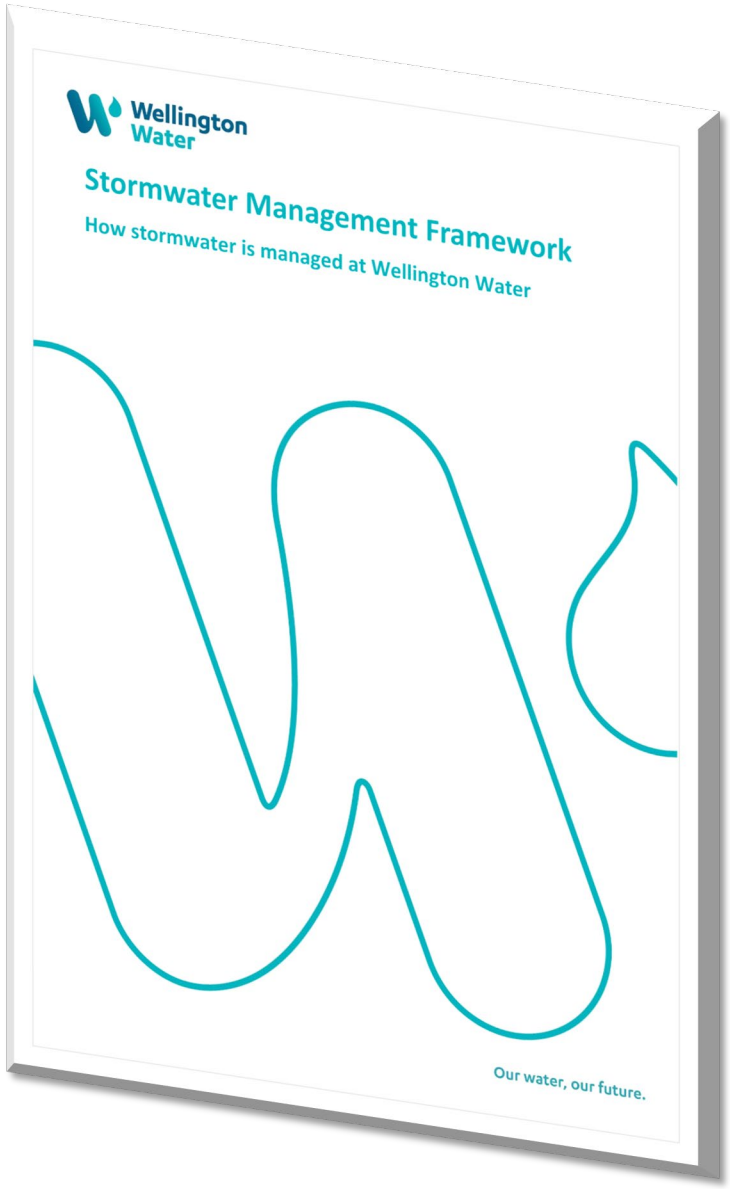
Understanding Stormwater

- Stormwater is rainwater runoff from hard surfaces.
- A byproduct of development
- Improper management can lead to damage and death
- Management responsibilities are spread among different parties

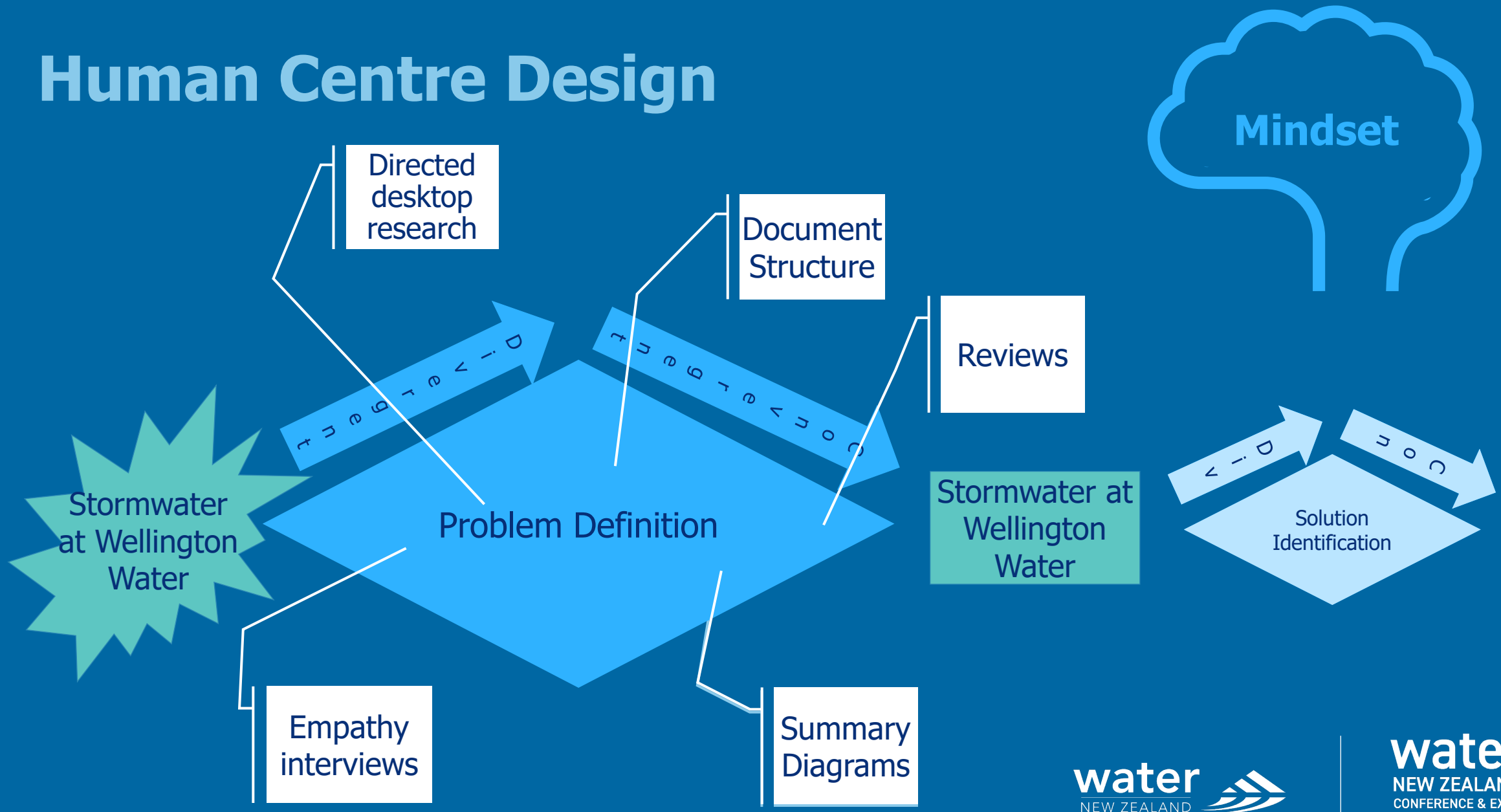


Purpose of Framework

- To document stormwater management services
- To identify gaps
- To facilitate transition

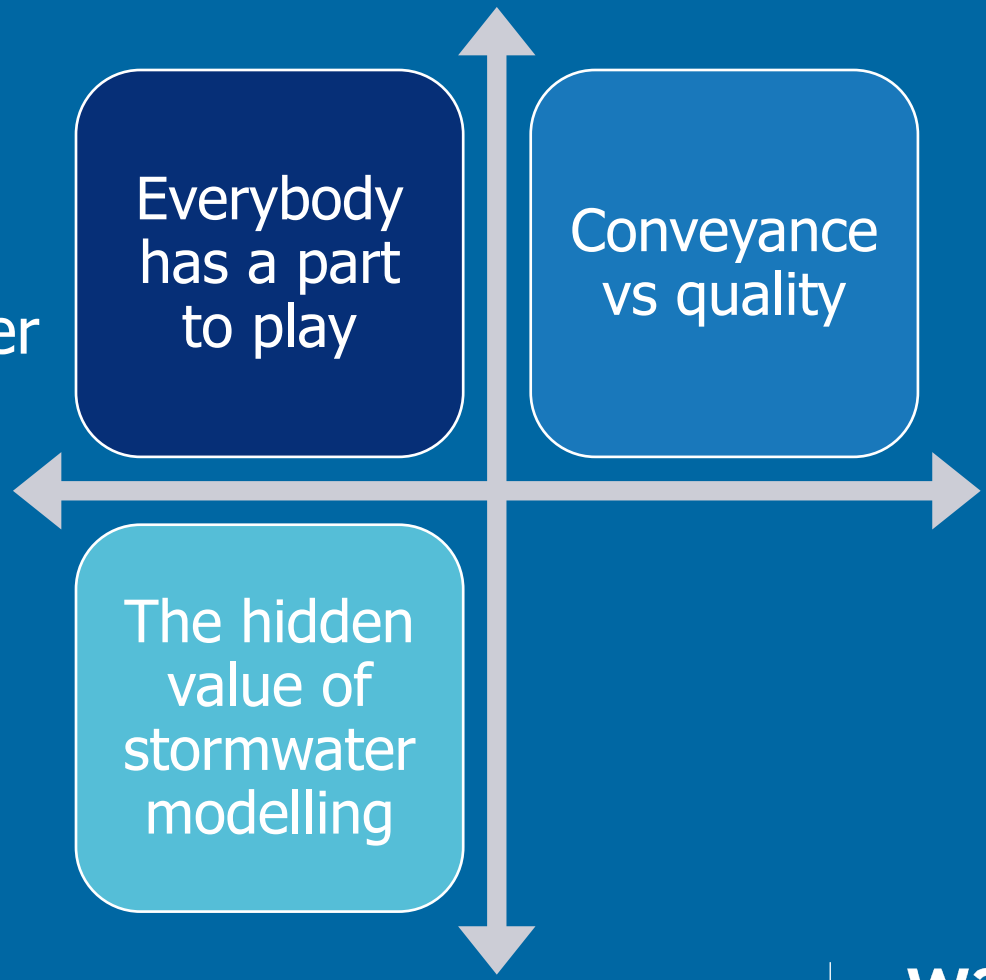


Human Centre Design

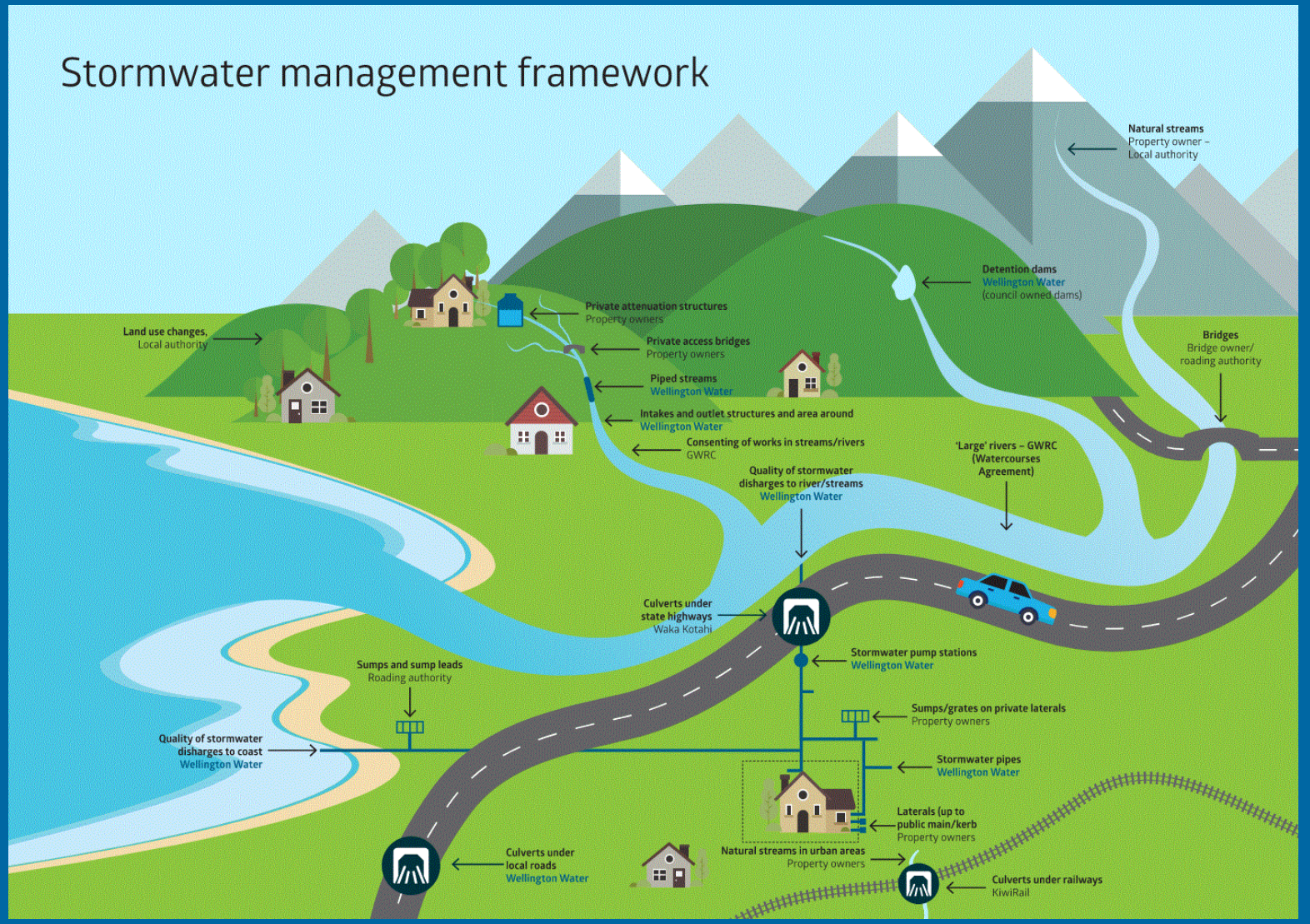


Lessons Learned

- Multiple parties are involved
- An emphasis on conveyance
- Conflict between growth and stormwater management
- Hidden value in stormwater modelling
- National standards need a local lens
- Don’t forget emergency management



Everyone has a part to play



No single organization responsible

Collaboration needed

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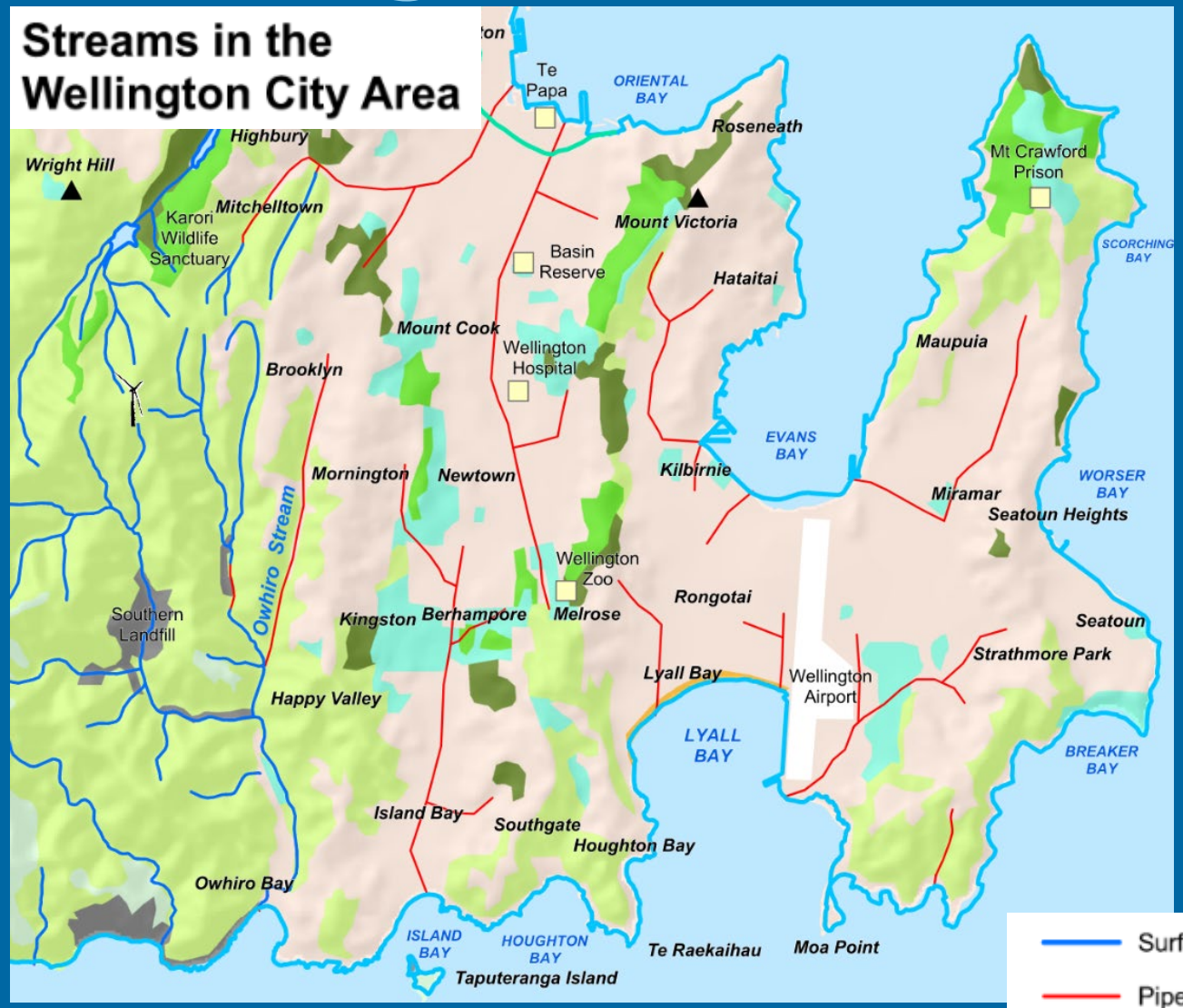
Out of sight, out of mind



Capture and convey

What about quality?

Working with nature

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The hidden value of stormwater modelling

- District plan hazard maps
- Emergency management
- Future scenarios
  - Growth
  - Climate change

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Insights Overview

- Everybody is responsible
- Collaboration is vital
- Adaptability is important
- Recognize local wisdom
- Elevate level of service
- Respond to climate Change
- Empower Communities
- Use Certificates

Empower Communities

Collective responsibility

Engaging communities to help

Programs like Adopt-a- Drain, effective overseas and south Island

Connects people with the network and waterways

Helps keep waterways clean and reduce flooding

We protect our water

Sweep up! Rake up! Pick up!

Elevate Service

Consistent level of service

Unifying strategy to address legacy issues

Clawback engineering and reinstate flowpaths

"*Even small investments can have a big impact when strategically implemented" Sponge cities, WSP/Helen Clark foundation*

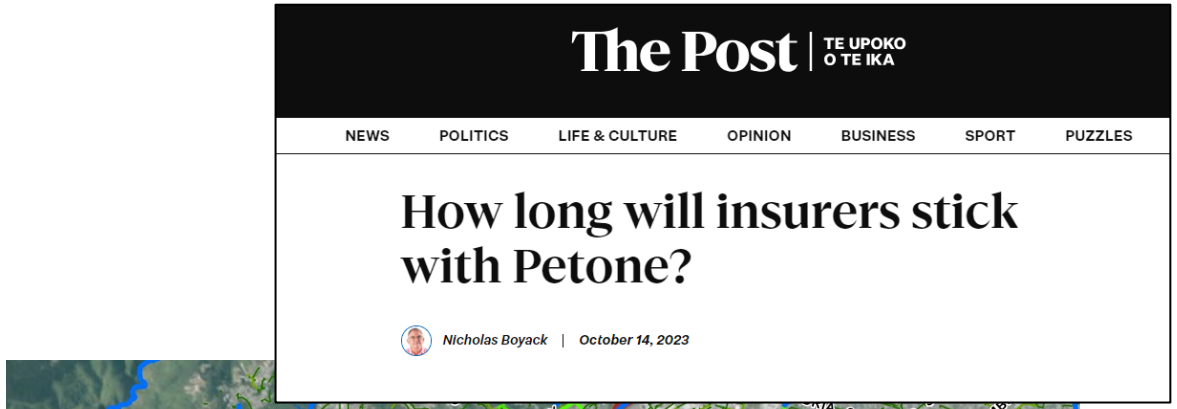
Climate Response

Climate change exacerbates existing stormwater challenges.

Long term impacts of flooding on communities

Calls for courageous conversations to address these challenges

Insurance companies are withdrawing from flood risk areas



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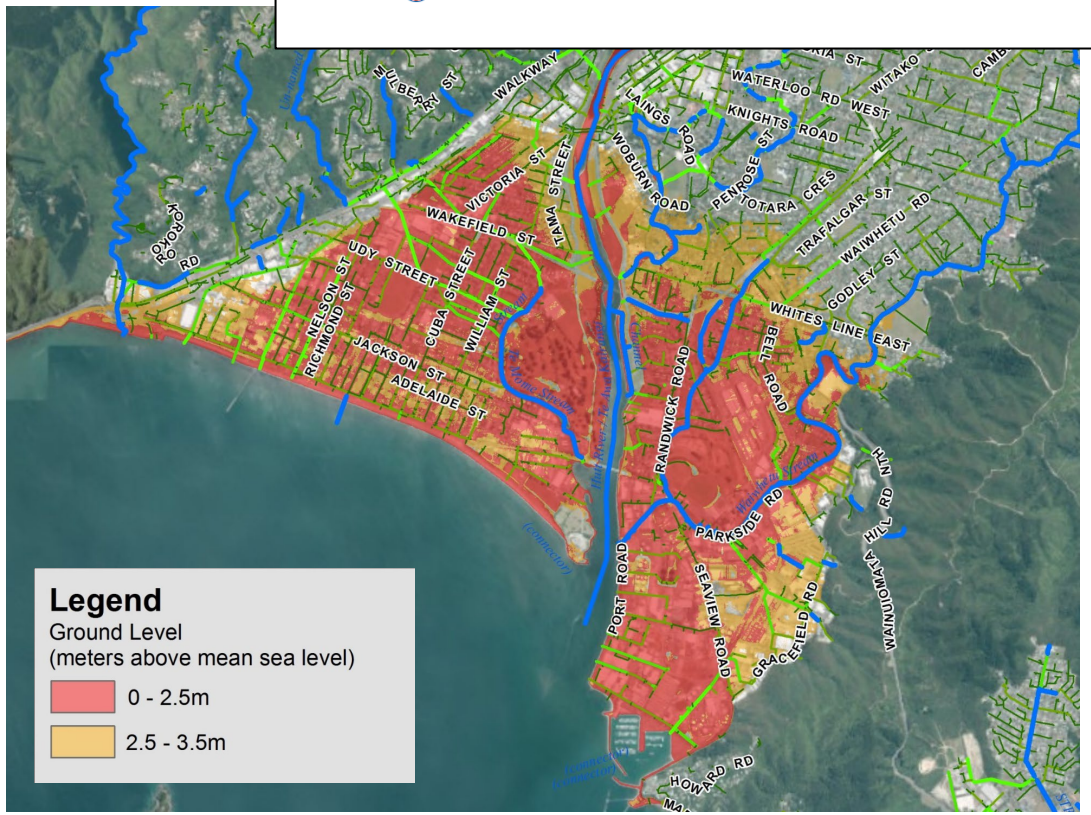

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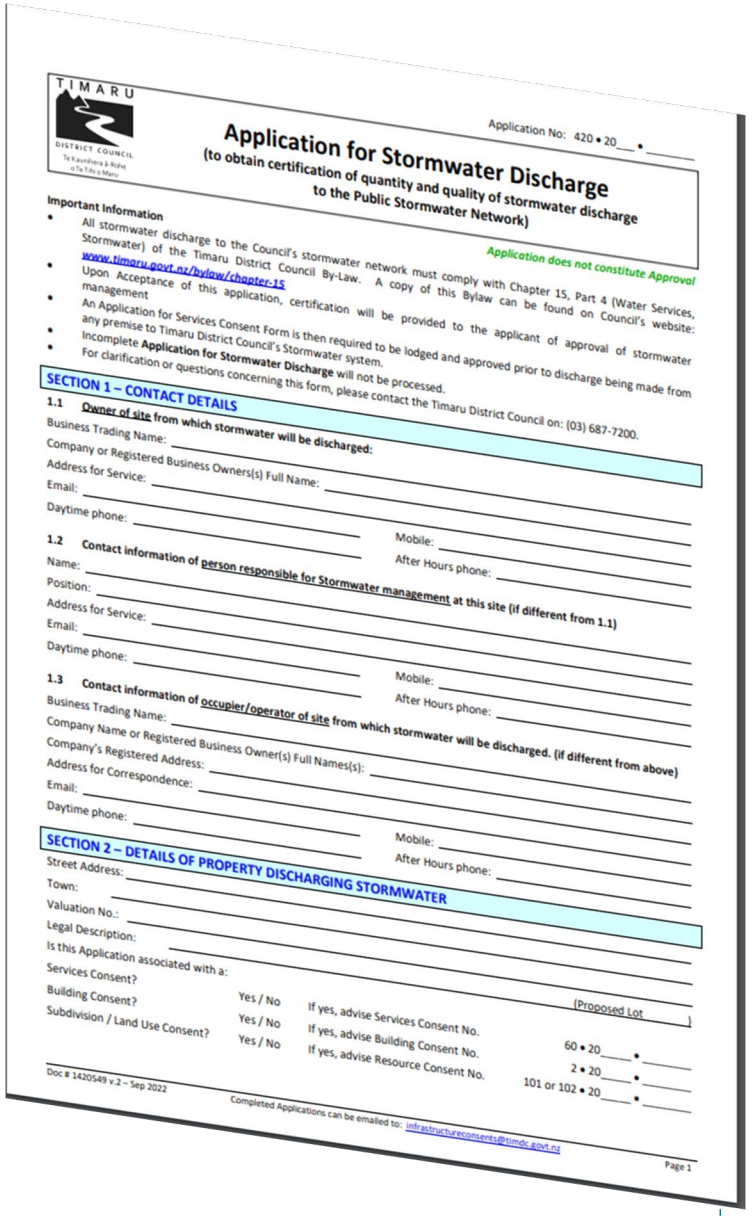
Certification

Varying consent processes and timelines complicate stormwater management for new developments.

Evolving catchment specific water quality requirements

Certification programs, like Timaru District Council's, streamline and address global consent requirements.

Enhances collaboration, and adherence to evolving standards



TIMARU DISTRICT COUNCIL
Te Kaunihera ā-Rohe o Te Tihi o Maru

Application No: 420 • 20___ • _____

Application for Stormwater Discharge
(to obtain certification of quantity and quality of stormwater discharge to the Public Stormwater Network)

Important Information

Application does not constitute Approval

- All stormwater discharge to the Council's stormwater network must comply with Chapter 15, Part 4 (Water Services, Stormwater) of the Timaru District Council By-Law. A copy of this Bylaw can be found on Council's website: www.timaru.govt.nz/bylaw/chapter-15
- Upon Acceptance of this application, certification will be provided to the applicant of approval of stormwater management
- An Application for Services Consent Form is then required to be lodged and approved prior to discharge being made from any premise to Timaru District Council's Stormwater system.
- Incomplete **Application for Stormwater Discharge** will not be processed.

For clarification or questions concerning this form, please contact the Timaru District Council on: (03) 687-7200.

SECTION 1 – CONTACT DETAILS

1.1 Owner of site from which stormwater will be discharged:

Business Trading Name: _____
Company or Registered Business Owners(s) Full Name: _____
Address for Service: _____
Email: _____
Daytime phone: _____ Mobile: _____
After Hours phone: _____

1.2 Contact information of person responsible for Stormwater management at this site (if different from 1.1)

Name: _____
Position: _____
Address for Service: _____
Email: _____
Daytime phone: _____ Mobile: _____
After Hours phone: _____

1.3 Contact information of occupier/operator of site from which stormwater will be discharged. (if different from above)

Business Trading Name: _____
Company Name or Registered Business Owner(s) Full Names(s): _____
Company's Registered Address: _____
Address for Correspondence: _____
Email: _____
Daytime phone: _____ Mobile: _____
After Hours phone: _____

SECTION 2 – DETAILS OF PROPERTY DISCHARGING STORMWATER

Street Address: _____
Town: _____
Valuation No.: _____
Legal Description: _____ (Proposed Lot _____)
Is this Application associated with a:
Services Consent? Yes / No If yes, advise Services Consent No. 60 • 20___ • _____
Building Consent? Yes / No If yes, advise Building Consent No. 2 • 20___ • _____
Subdivision / Land Use Consent? Yes / No If yes, advise Resource Consent No. 101 or 102 • 20___ • _____

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Completed Applications can be emailed to: infrastructureconsents@timdc.govt.nz

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Conclusion

A pivotal step in Wellington Water's management

Highlights collective responsibility and importance of climate response

People focused Human-Centered Design approach

Next step to expand people involved

Acknowledgements

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